



ISO 9001
Registered

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HSINSOU A-500 Hydrogen peroxide stabilizer

HSINSOUA-500 is a stabilizer for hydrogen peroxide bleaching. Hydrogen peroxide has many advantages, but if there were trace metals in the treated water, it would cause rapid breakdown of the hydrogen peroxide, $2\text{H}_2\text{O}_2 \rightarrow 2\text{H}_2\text{O} + \text{O}_2$. The addition of HSINSOU A - 20 can control the liberation of oxygen, hence, more efficient use of its bleaching effect on the substrate. $\text{NaOH} + \text{H}_2\text{O}_2 \leftarrow \text{HO}_2^- + \text{Na}^+ + \text{H}_2\text{O}$.

General properties :

Appearance:	Colorless transparent liquid
Composition:	Special anionic surfactant
Ionic nature:	Anionic
pH (1% solution):	5.5 +/- 1.0
Solubility:	Easy to dissolve in cold water

Special features:

1. Highly efficient stabilizer for hydrogen peroxide in bleaching.
2. Improves bleaching efficiency of hydrogen peroxide .

3. Stable in alkaline solution.
4. Effective water softening by decreasing hardness.
5. Eliminates silicate spots.
6. Suitable for use in scouring, bleaching, and dyeing of cotton and polyester/cotton piece dyeing.

Application:

HSINSOU A -500 recommend dosage : 0.2 ~ 0.5g/l

Ex. scouring & bleaching for cotton、polyester/ cotton :

HSINSOU TCSN CONC	: 0.4 g/l
HSINSOU SW-BSC-10	: 2 ~ 3 g/l
HSINSOU A -500	: 0.2 ~ 0.5g/l
H ₂ O ₂ (30%)	: 4 ~ 8 g/l
NaOH (99%)	: 1 ~ 3 g/l
Temp.×Time	: 98°C× 30 ~ 60 min.

Note: full evaluation is recommended prior to commercial usage.